

DIELECTRIC RESONATOR : $D > L$

FIG. 1

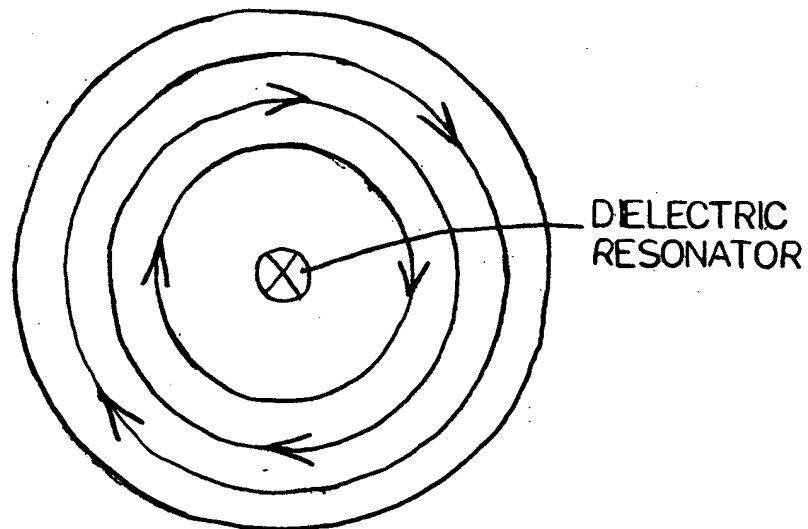


FIG. 2

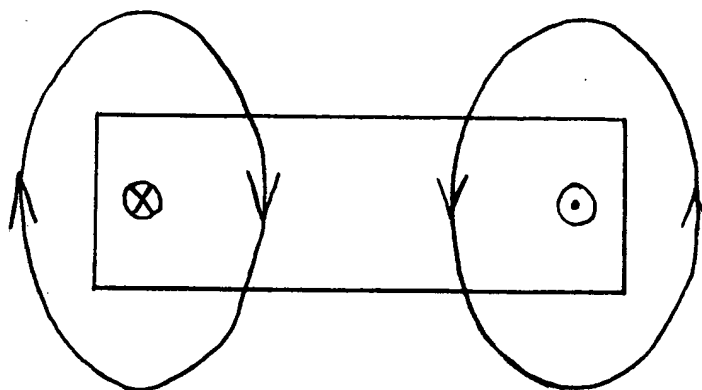


FIG. 3

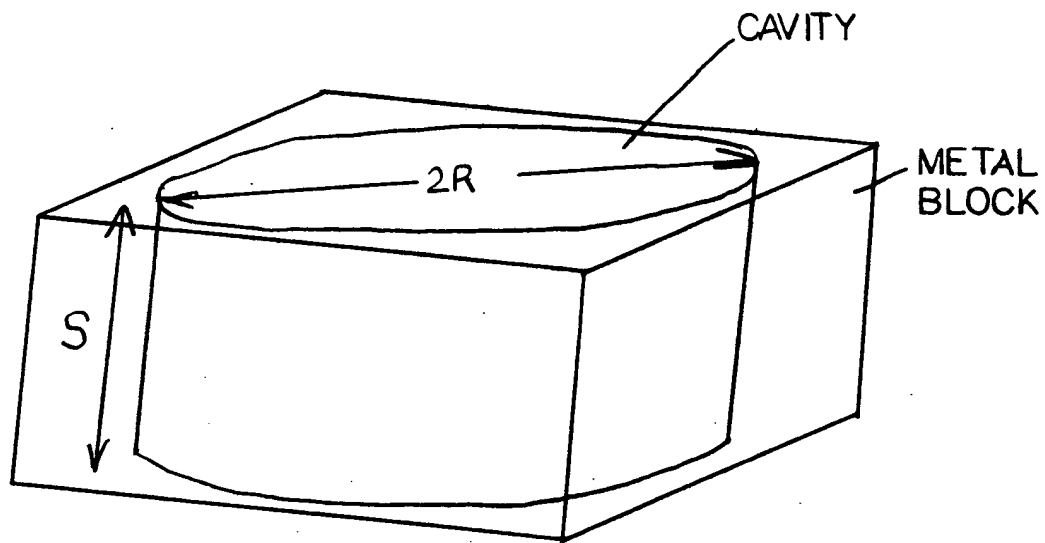


FIG. 4

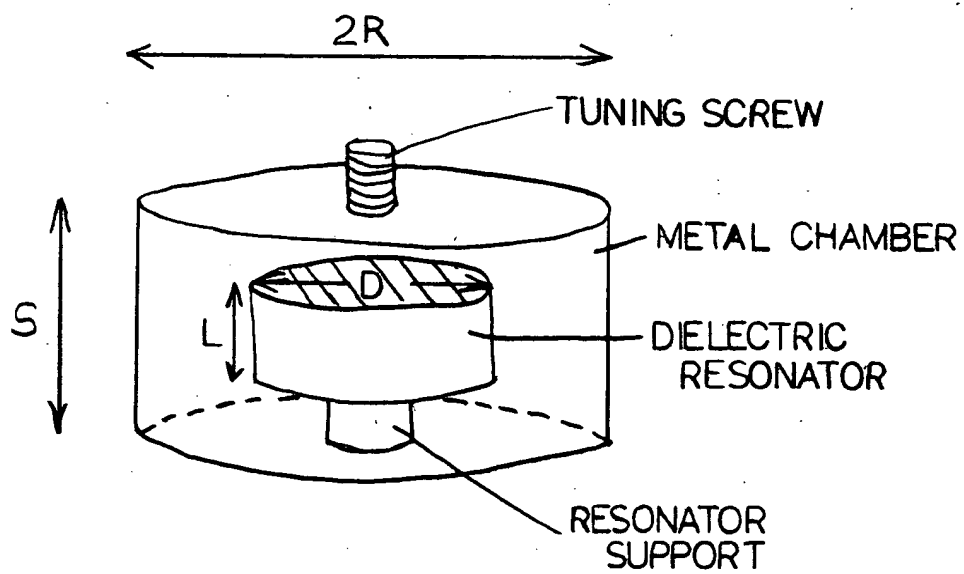


FIG. 5

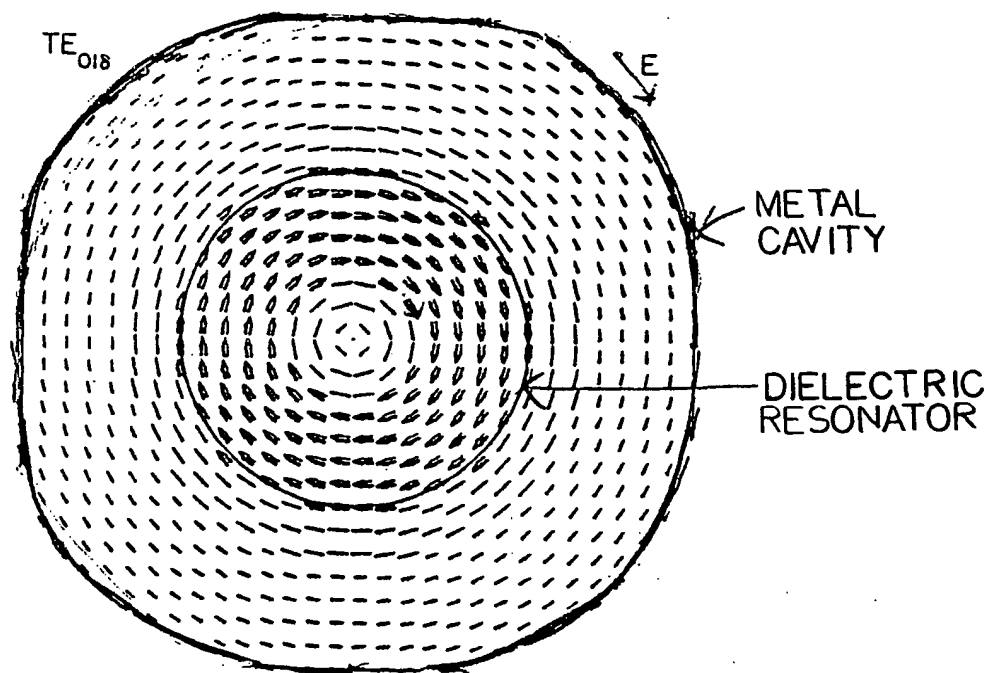


FIG. 6

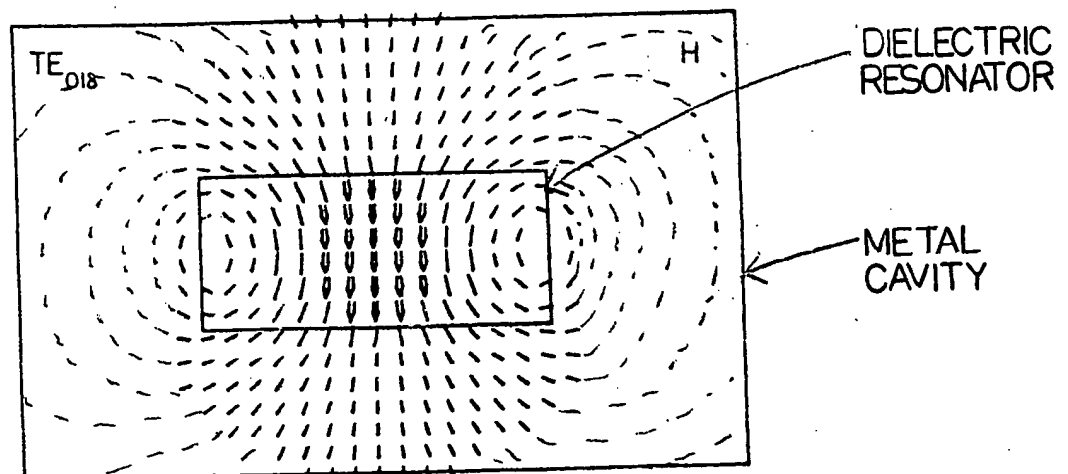


FIG. 7

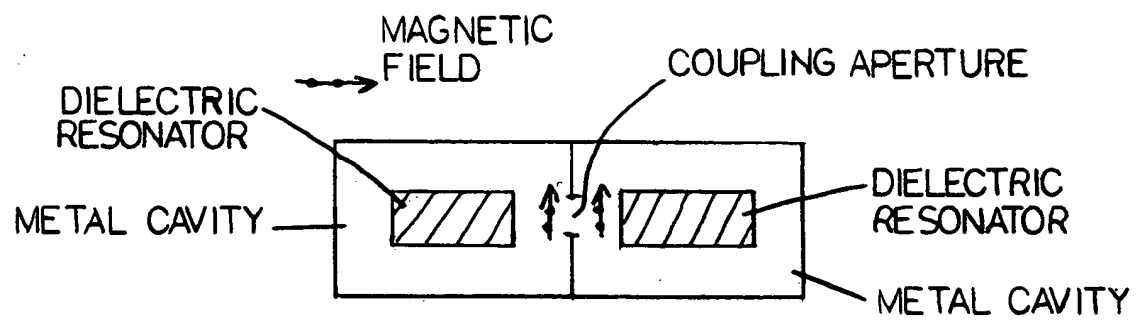


FIG. 8

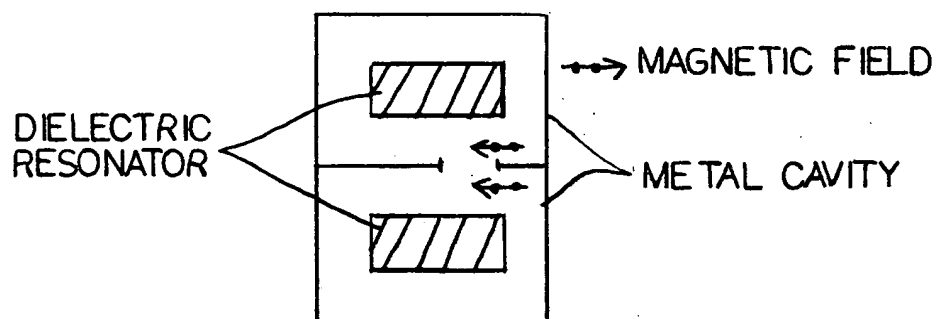


FIG. 9

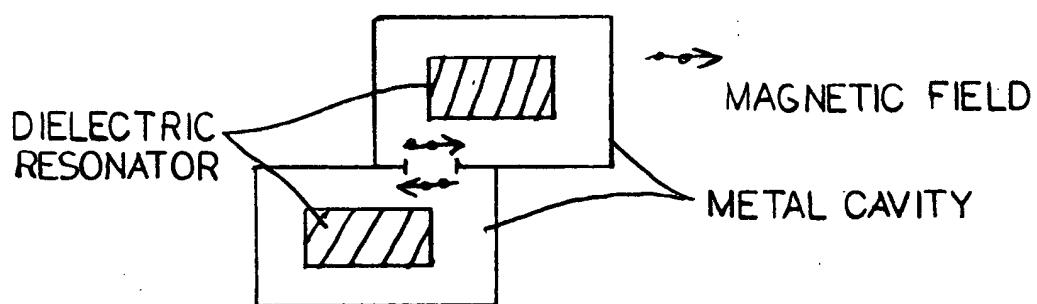


FIG. 10

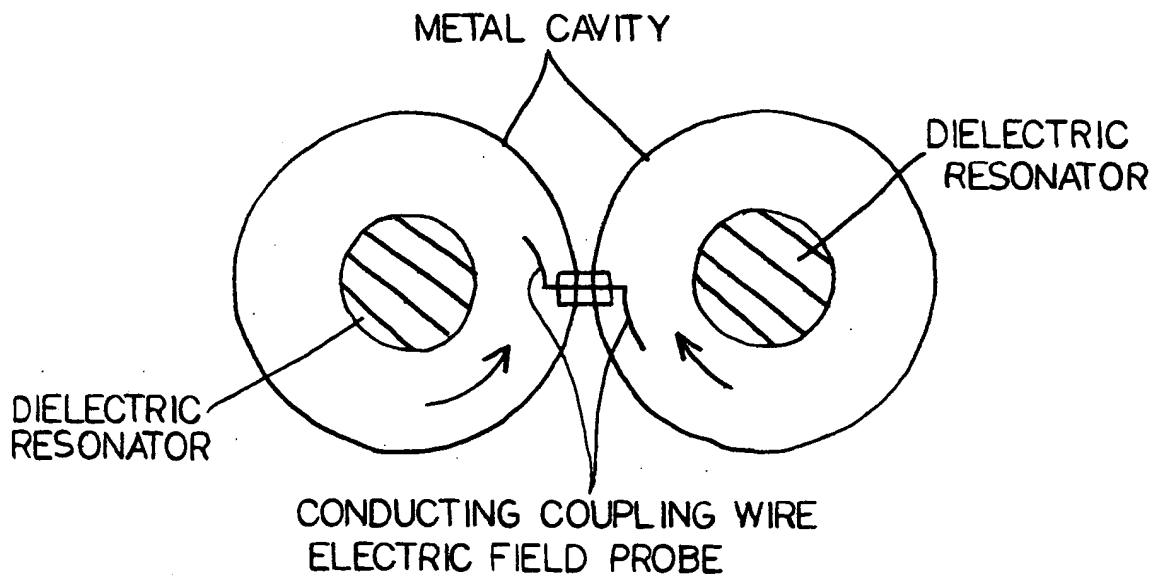


FIG. 11

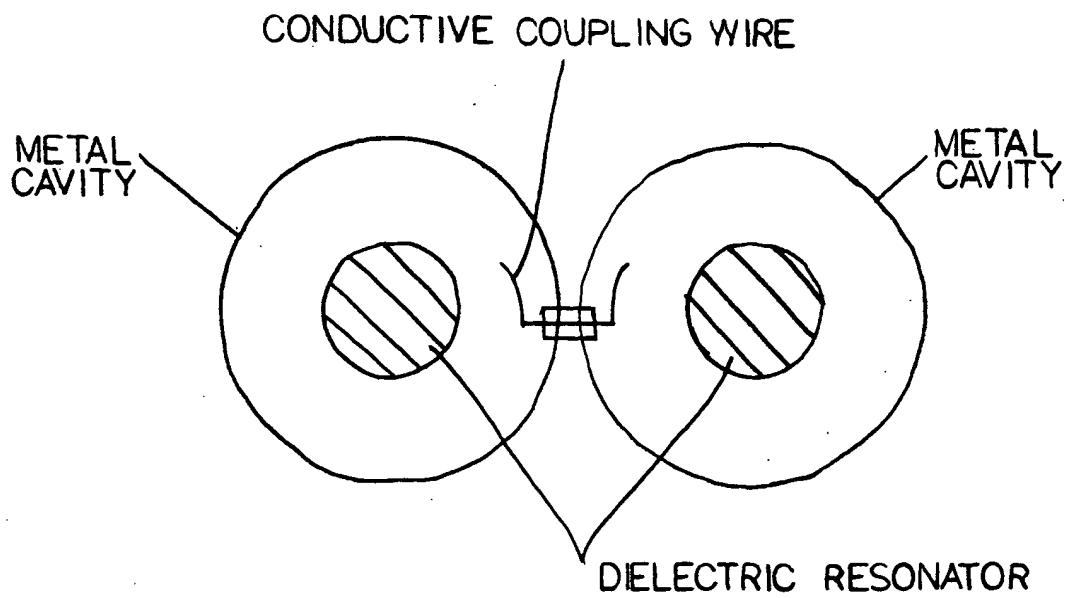


FIG. 12

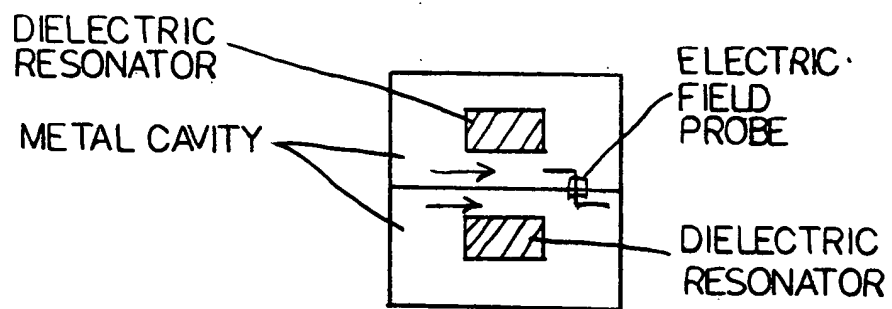


FIG. 13

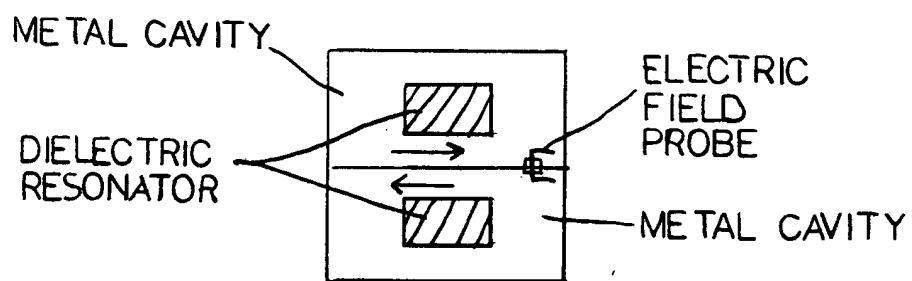


FIG. 14

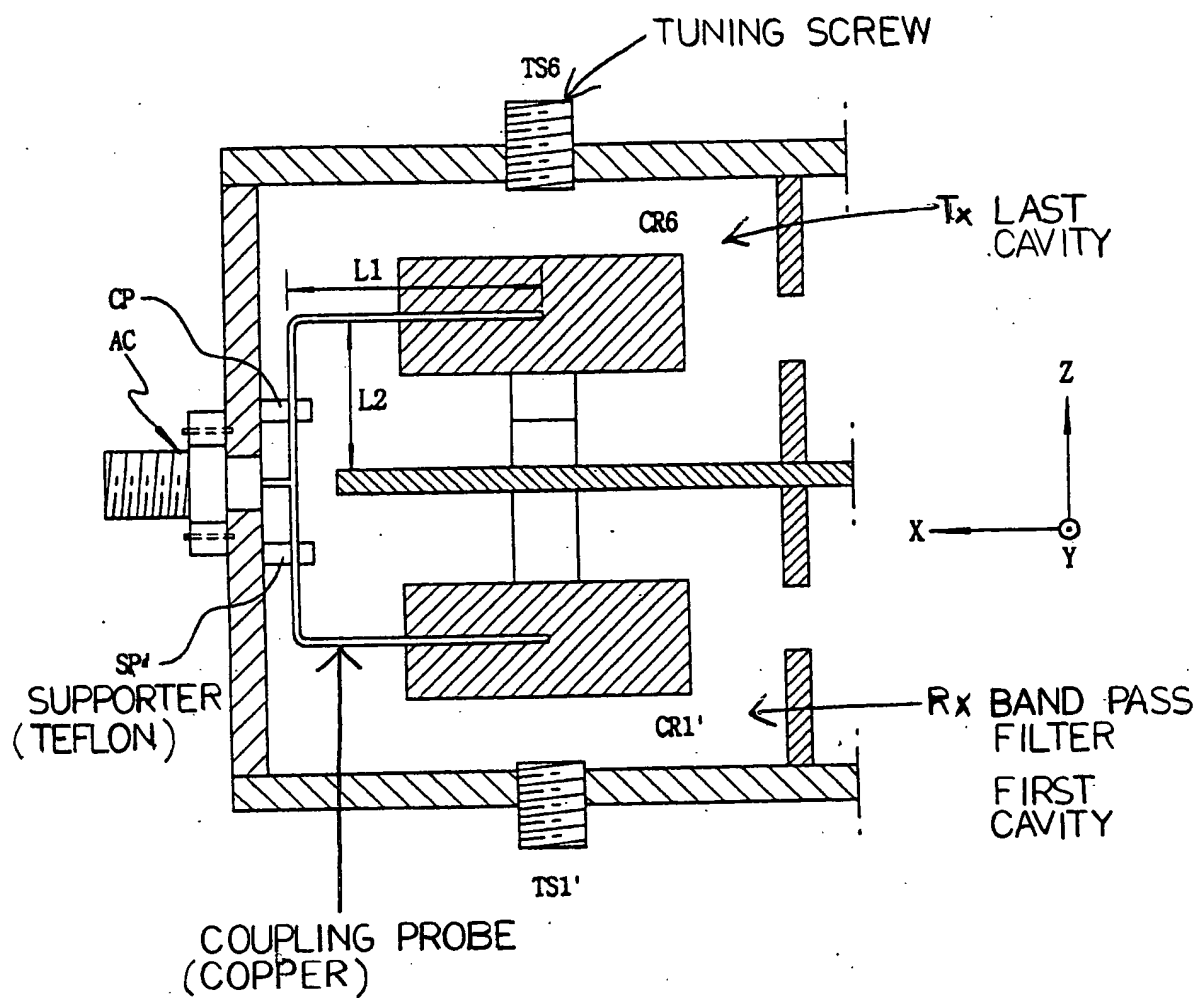


FIG. 15

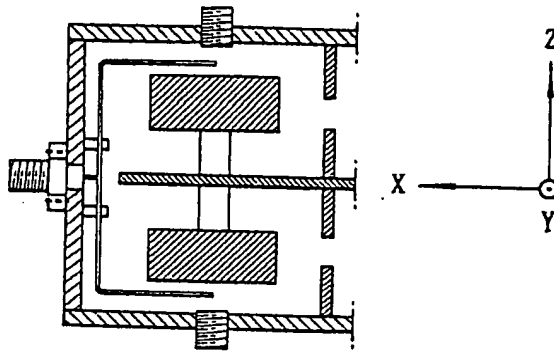


FIG. 16

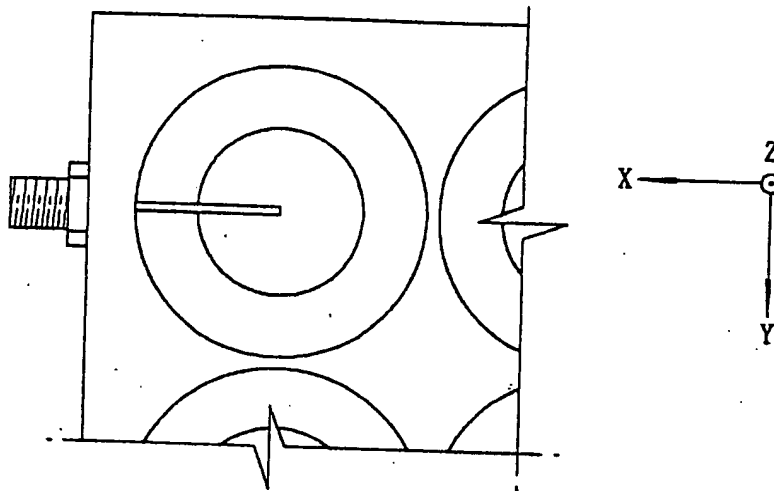


FIG. 17

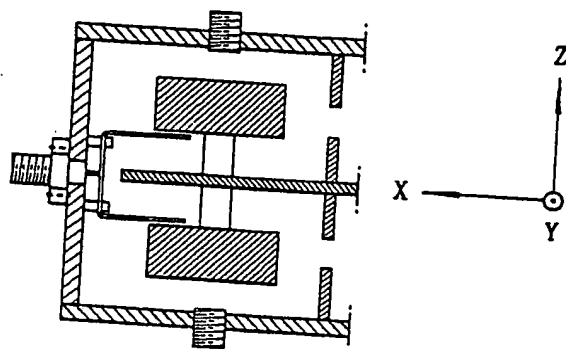


FIG 18

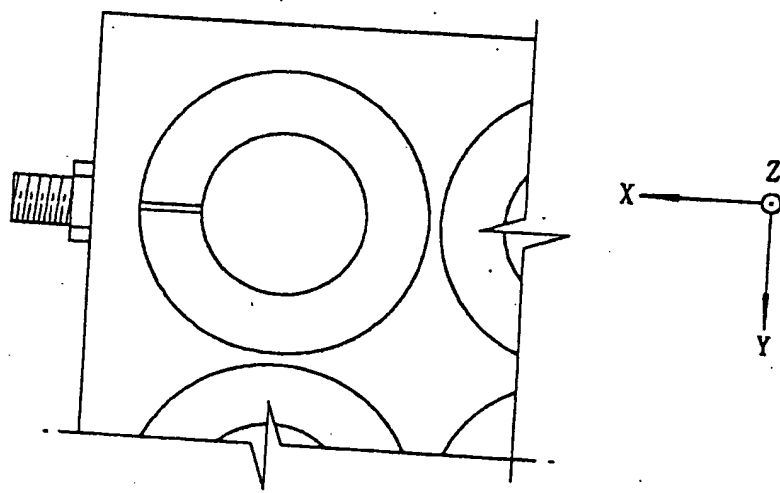


FIG. 19

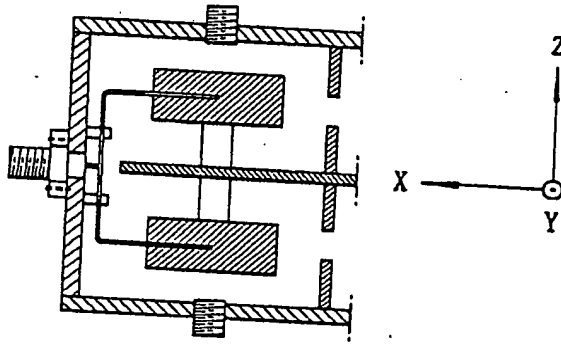


FIG. 20

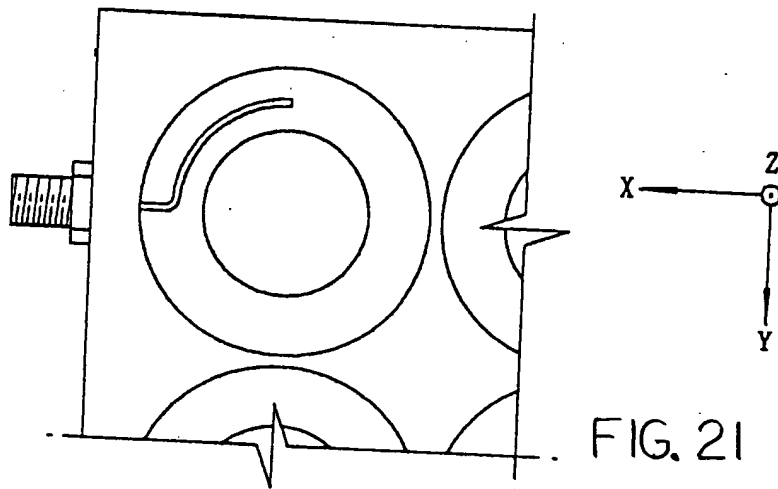


FIG. 21

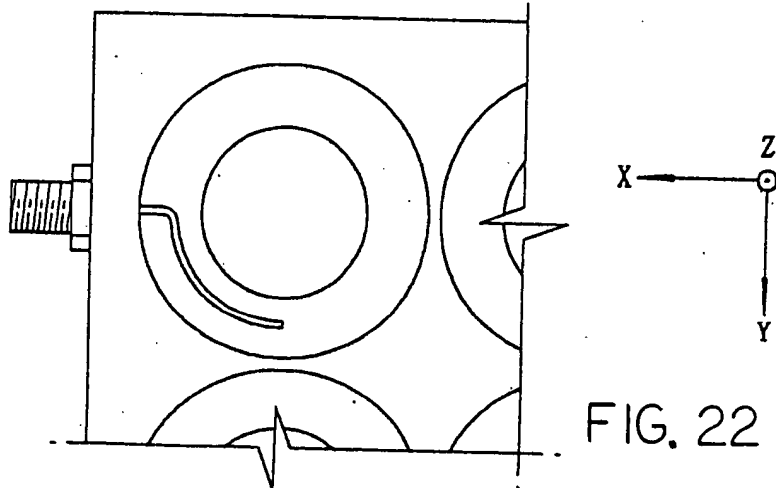
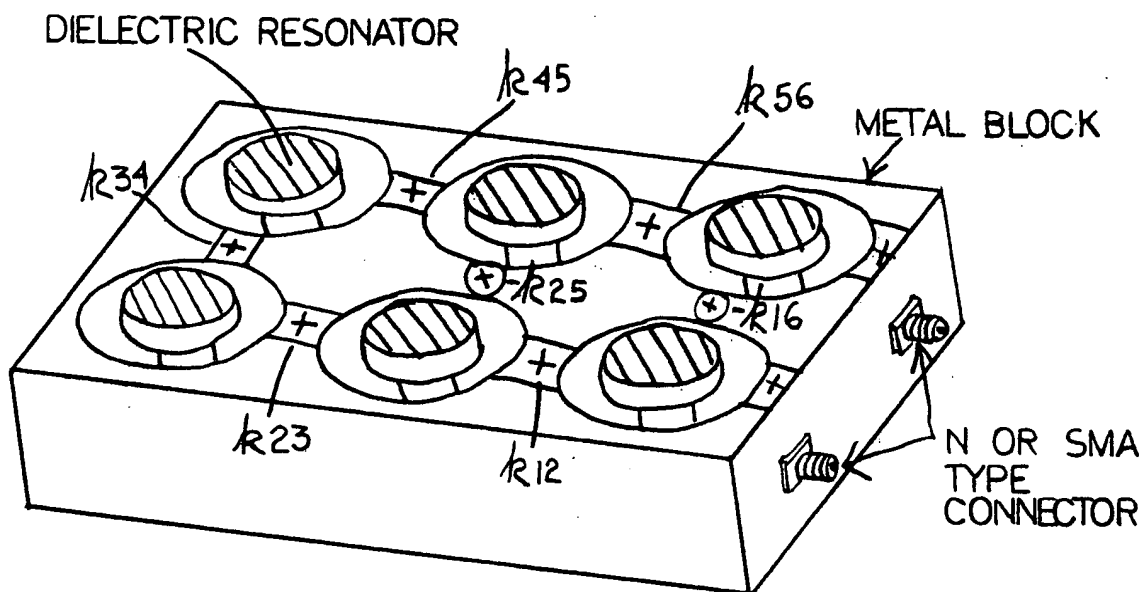


FIG. 22



⊕ : POSITIVE IRIS OR ELECTRIC FIELD PROBE COUPLING

⊕ : NEGATIVE ELECTRIC FIELD PROBE COUPLING

FIG. 23

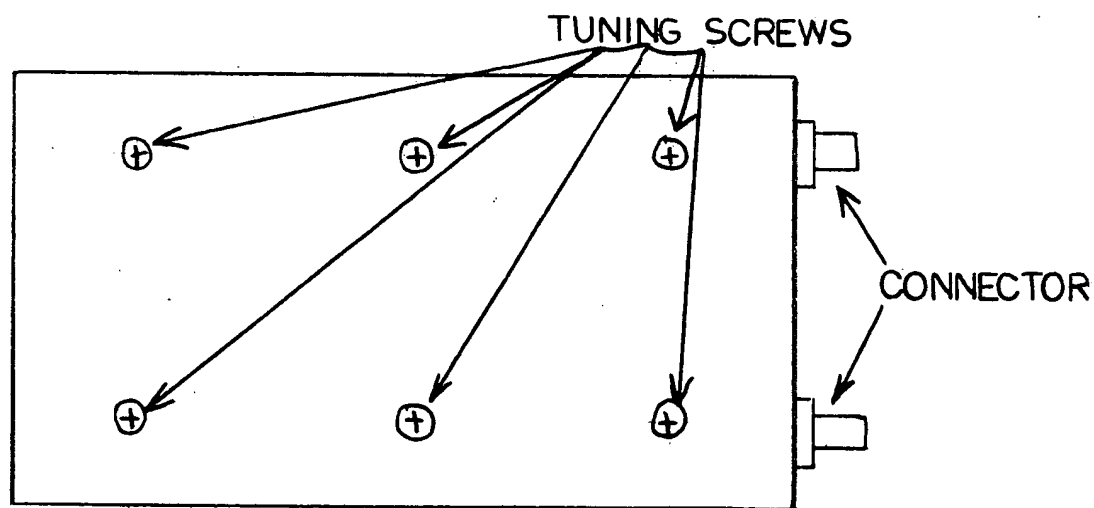
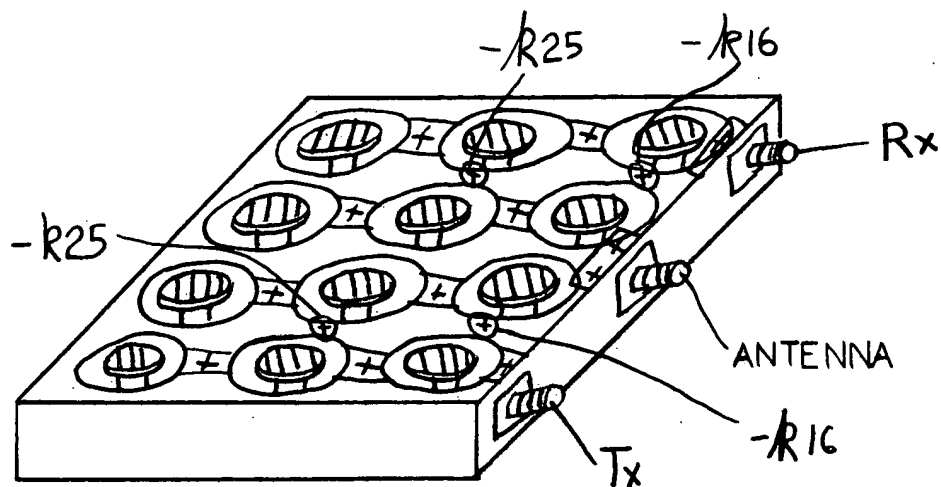


FIG. 24



- + + : IRIS OR ELECTRIC FIELD PROBE ANTENNA COUPLING
- + : POSITIVE IRIS OR ELECTRIC FIELD PROBE COUPLING
- + : NEGATIVE ELECTRIC FIELD PROBE COUPLING

FIG. 25

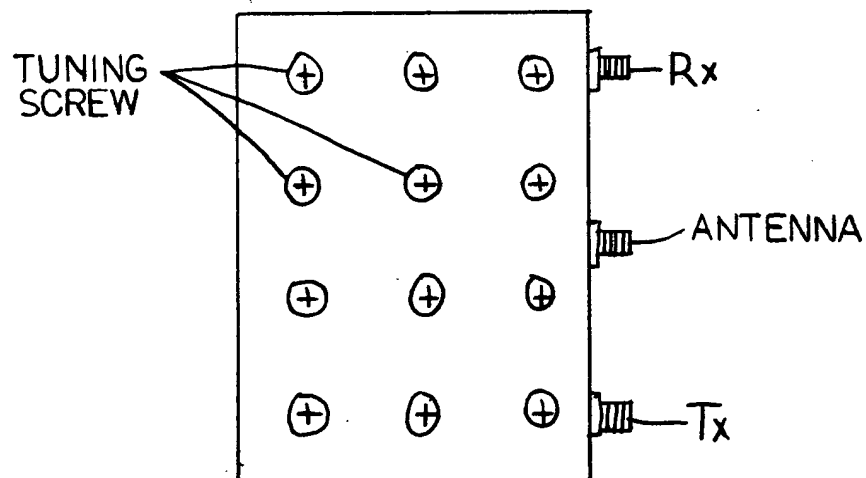


FIG. 26

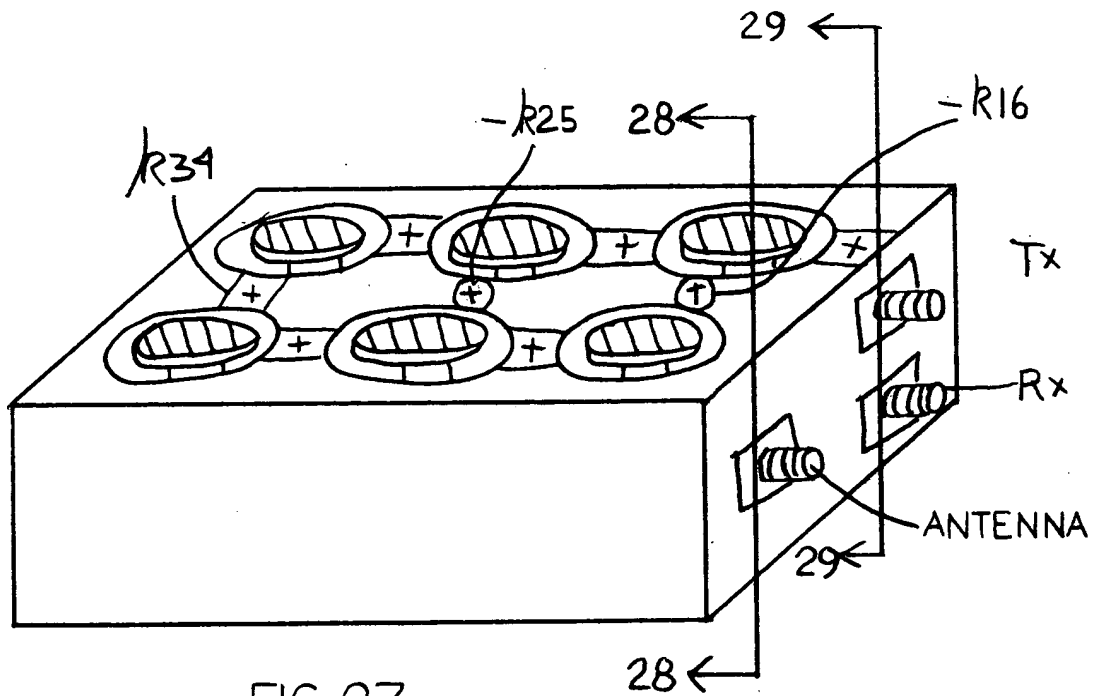


FIG. 27

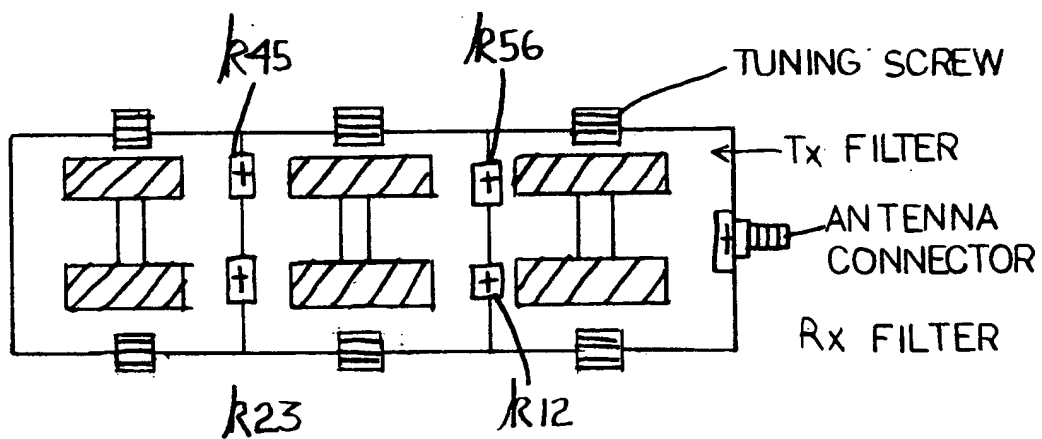


FIG. 28

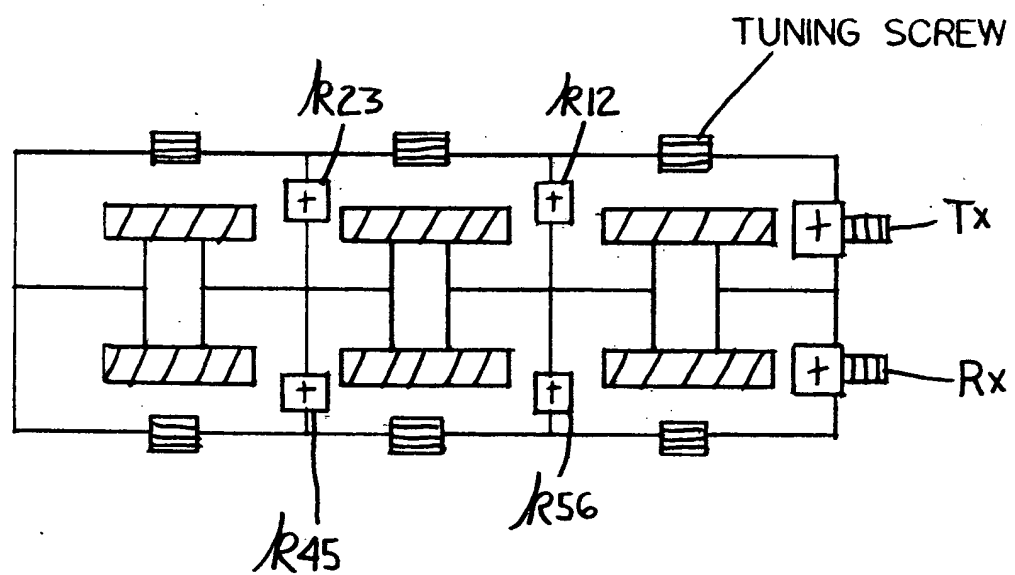


FIG 29

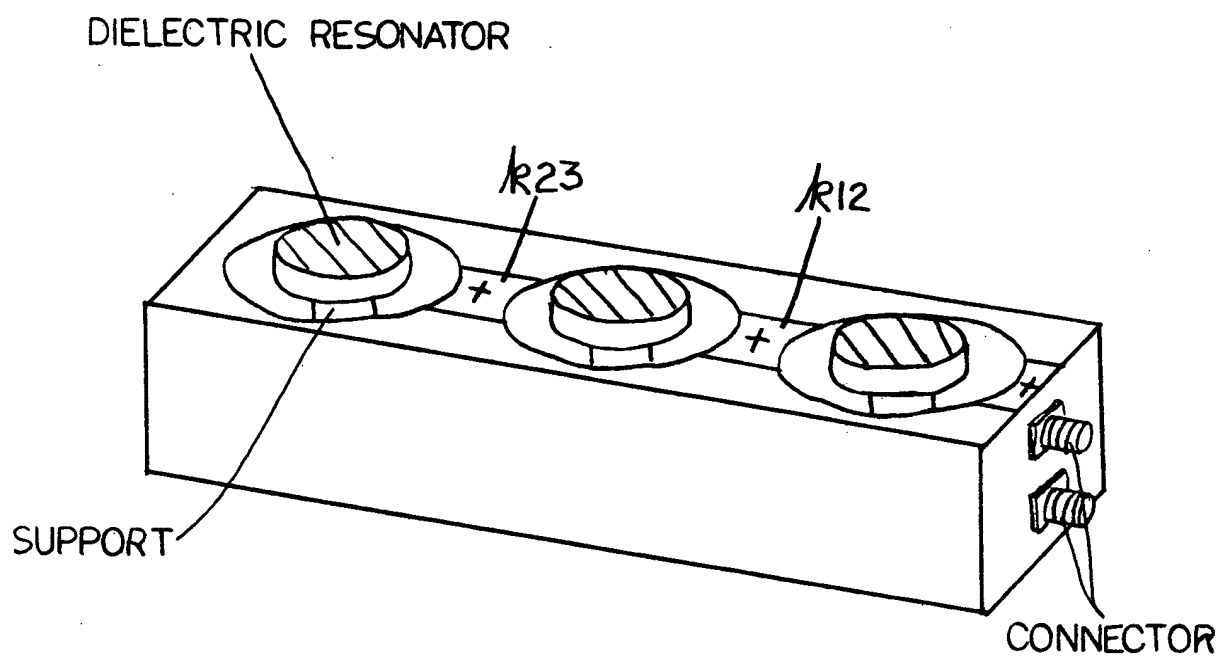


FIG. 30

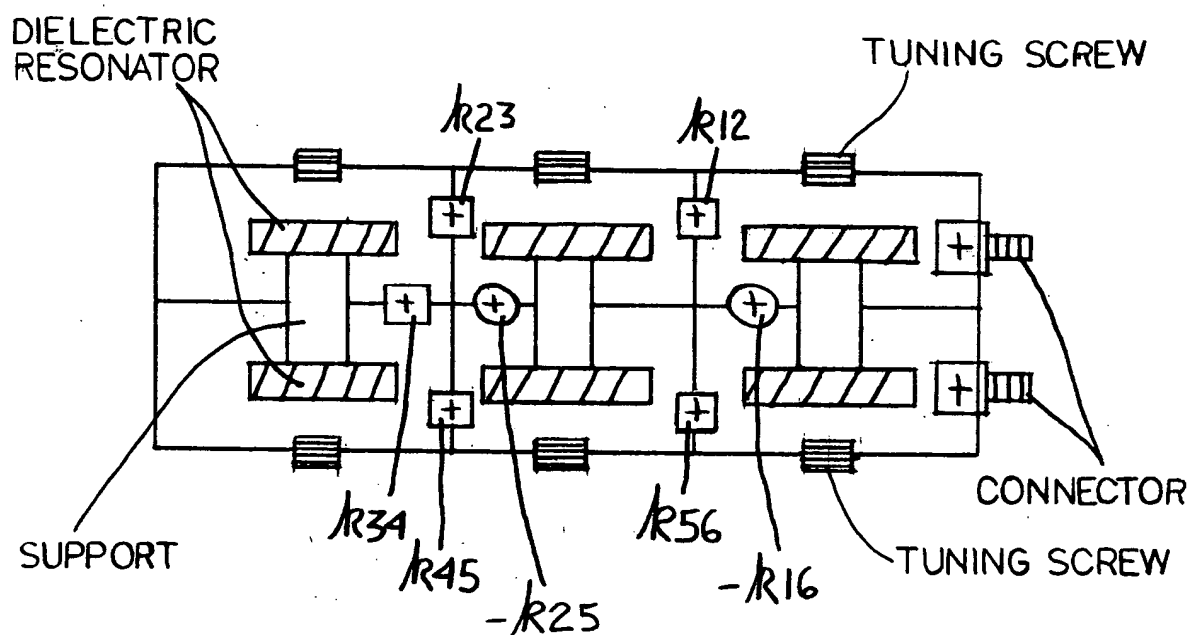


FIG. 31

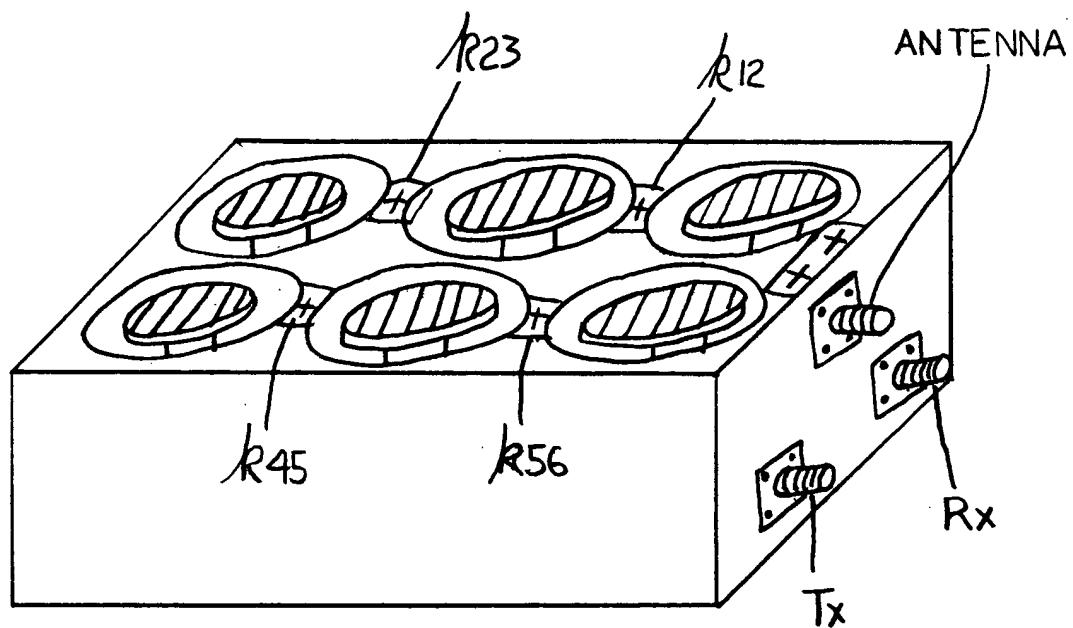
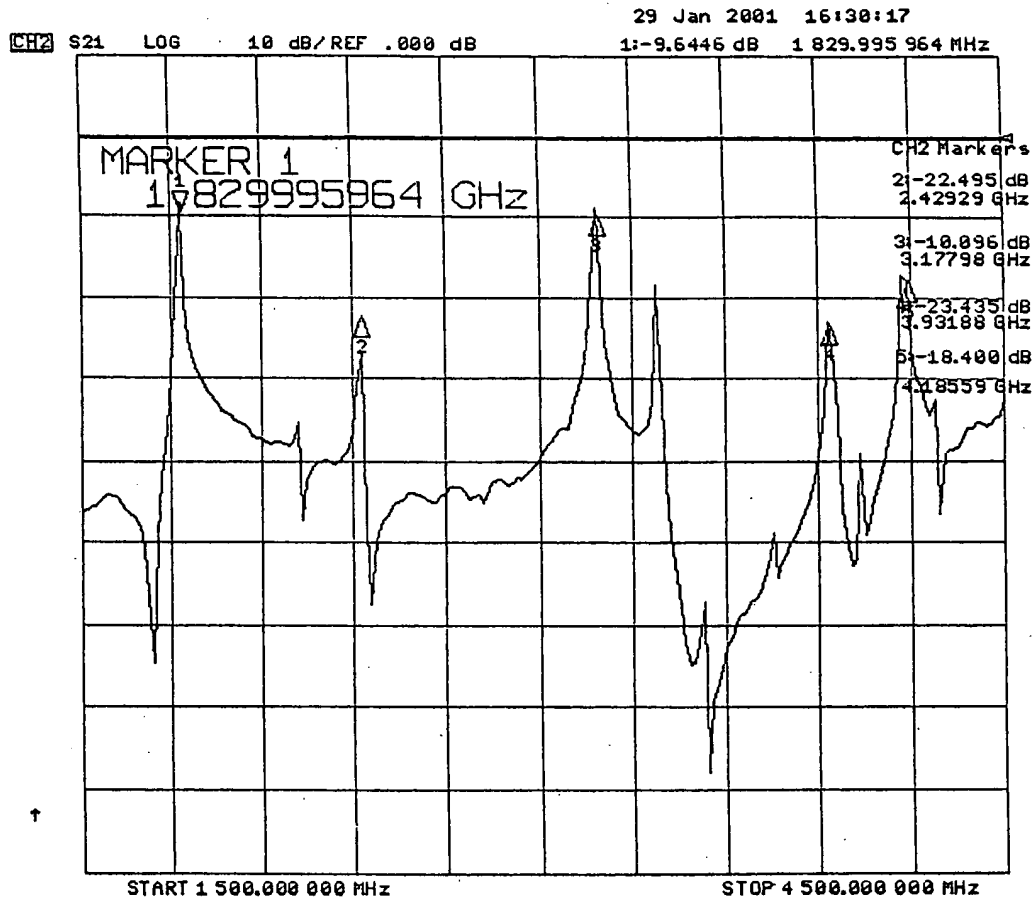
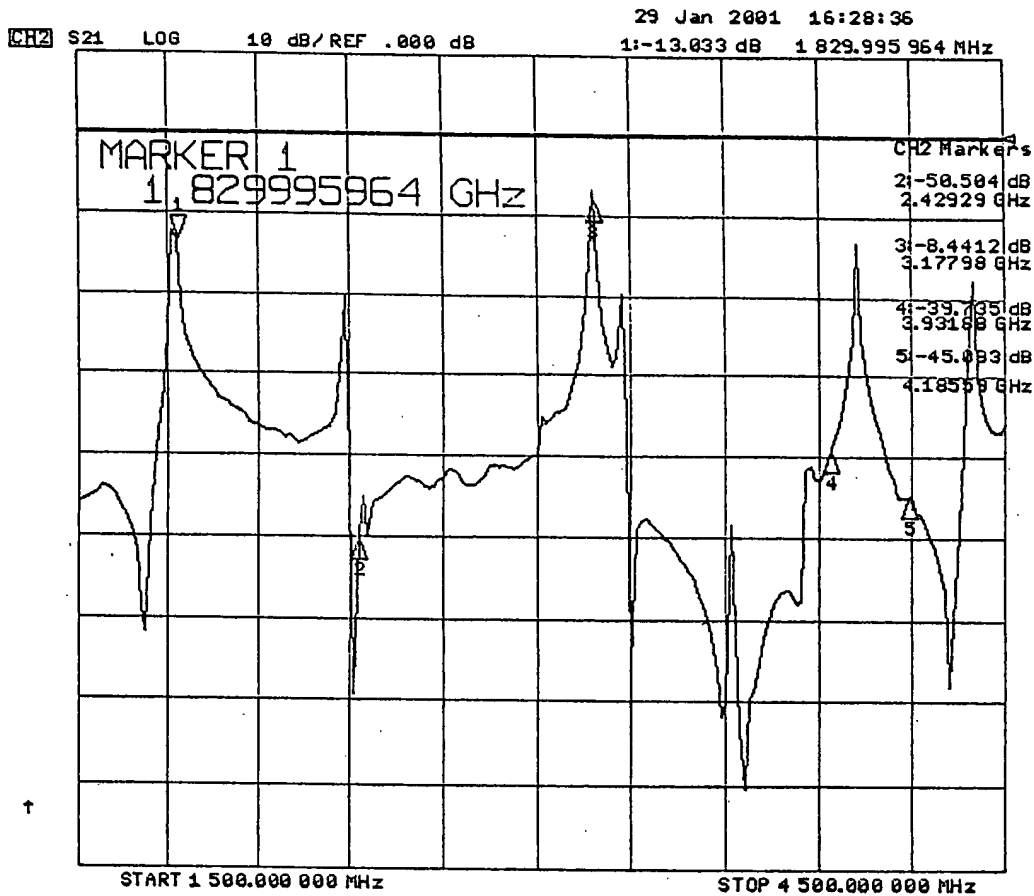


FIG. 32



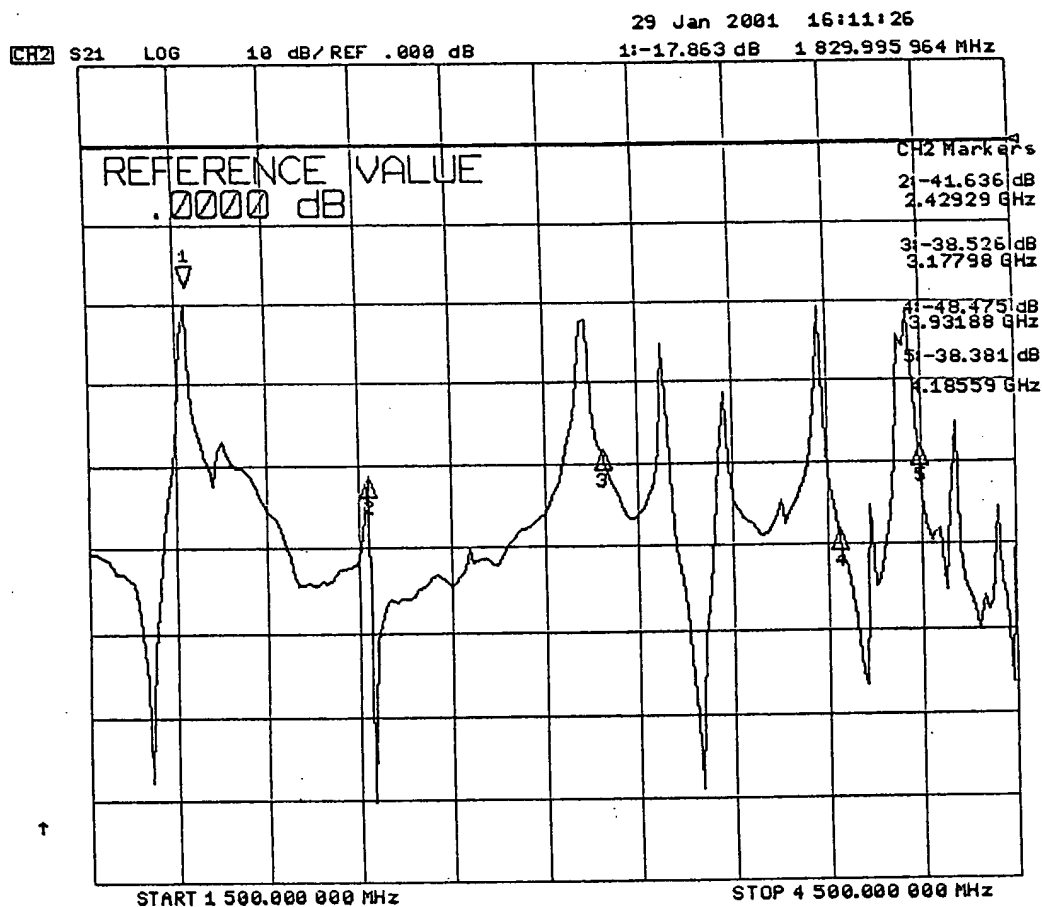
FREQUENCY RESPONSE OF DRI. LOADED CI.
 DRI.=DIELECTRIC RESONATOR OF $D=2.8\text{cm}$, $L=14\text{cm}$
 AND CI=METAL CAVITY OF $2R=7.5\text{cm}$, $S=3.75\text{cm}$

FIG. 33



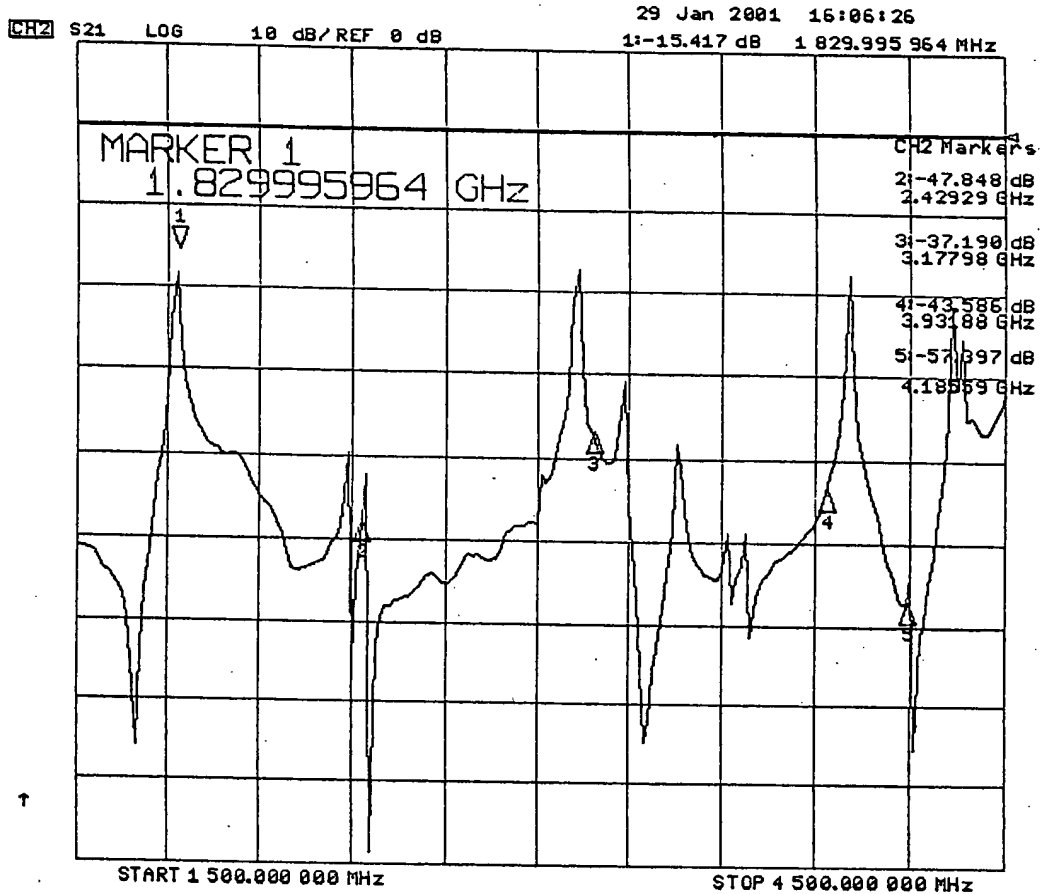
FREQUENCY RESPONSE OF DR2 LOADED CI.
 DR2 = DIELECTRIC RESONATOR OF $D=3\text{cm}$ AND $L=1.17\text{cm}$
 AND CI = METAL CAVITY OF $2R=75\text{cm}$ AND $S=3.75\text{cm}$

FIG 34



FREQUENCY RESPONSE OF DR1 LOADED C2
 DR1= DIELECTRIC RESONATOR OF D=2.8cm AND L=1.4cm
 AND C2= METAL CAVITY OF 2R=8cm AND S=4cm

FIG. 35



FREQUENCY RESPONSE OF DR2 LOADED C2
 DR2=DIELECTRIC RESONATOR OF D=3cm AND L=1.17cm
 AND C2=METAL CAVITY OF 2R=8cm AND S=4cm

FIG. 36